

ABSTRACT

5                   MORAXELLA BOVIS CYTOTOXIN, CYTOTOXIN GENE,  
                  ANTIBODIES AND VACCINES FOR PREVENTION  
                  AND TREATMENT OF MORAXELLA BOVIS INFECTIONS

10                   *Moraxella bovis* cytotoxin and a gene encoding *Moraxella*  
                  *bovis* cytotoxin. Identification, isolation, cloning and  
                  identification of nucleotide sequence of the *Moraxella bovis*  
                  genes *mbxA*, *mbxB*, *mbxC* and *mbxD*, partial purification of the  
                  native cytotoxin, preparation of partially purified native and  
                  a recombinant *Moraxella bovis* cytotoxin, identification of an  
15                   amino acid sequence of the cytotoxin, preparation of antibodies  
                  against the *Moraxella bovis* cytotoxin, preparation of vaccines  
                  against *Moraxella bovis*. Method for prevention and treatment  
                  of infectious bovine keratoconjunctivitis caused by *Moraxella*  
                  *bovis*.